



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mihrimah Ozkan et al. Art Unit: 2881
Serial No.: 09/917,139 Examiner: Zia R. Hashmi
Filed : July 26, 2001
Title : MANIPULATION OF LIVE CELLS AND INORGANIC OBJECTS
WITH OPTICAL BEAM ARRAYS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.

Kindly accept this Information Disclosure Statement under Rule 97(c) (2). The rule 17(p) certification fee of \$180 is enclosed.

Each enclosed document listed on the herewith Form PTO-1449 was cited in the attached **Type here** Search Report dated **Type here**, issued in a foreign counterpart application not more

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit

December 22, 2004

Signature

Teri Barnett

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than three months ago. To the best knowledge of the undersigned, this is the first citation of these items in any communication from a foreign patent office in a counterpart foreign application.

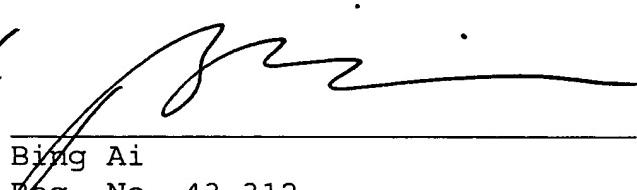
The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: Dec. 22, 2004


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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-036001	Application No. 09/917,139																																																																																																																																																																																																																																
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<p style="text-align: center;">U.S. Patent Documents</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Examiner Initial</th> <th style="text-align: left;">Desig. ID</th> <th style="text-align: left;">Document Number</th> <th style="text-align: left;">Publication Date</th> <th style="text-align: left;">Patentee</th> <th style="text-align: left;">Class</th> <th style="text-align: left;">Subclass</th> <th style="text-align: left;">Filing Date If Appropriate</th> </tr> </thead> <tbody> <tr><td></td><td>AA</td><td>3,558,877</td><td>01/26/71</td><td>Pressman</td><td></td><td></td><td></td></tr> <tr><td></td><td>AB</td><td>3,628,182</td><td>12/14/71</td><td>Ashkin et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AC</td><td>3,638,139</td><td>01/25/72</td><td>Ashkin et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AD</td><td>3,662,183</td><td>05/09/72</td><td>Ashkin et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AE</td><td>3,725,810</td><td>04/03/73</td><td>Ashkin et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AF</td><td>3,761,721</td><td>09/25/73</td><td>Altshuler et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AG</td><td>3,778,612</td><td>12/11/73</td><td>Ashkin</td><td></td><td></td><td></td></tr> <tr><td></td><td>AH</td><td>3,793,541</td><td>02/19/74</td><td>Ashkin et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AI</td><td>3,808,432</td><td>04/30/74</td><td>Ashkin</td><td></td><td></td><td></td></tr> <tr><td></td><td>AJ</td><td>3,808,550</td><td>04/30/74</td><td>Ashkin</td><td></td><td></td><td></td></tr> <tr><td></td><td>AK</td><td>4,063,106</td><td>12/13/77</td><td>Ashkin et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AL</td><td>4,092,535</td><td>05/30/78</td><td>Ashkin et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AM</td><td>4,127,329</td><td>11/28/78</td><td>Chang et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AN</td><td>4,247,815</td><td>01/27/81</td><td>Larson et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AO</td><td>4,253,846</td><td>03/03/81</td><td>Smythe et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AP</td><td>4,327,288</td><td>04/27/82</td><td>Ashkin et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>AQ</td><td>4,386,274</td><td>05/31/83</td><td>Altshuler</td><td></td><td></td><td></td></tr> <tr><td></td><td>AR</td><td>4,390,403</td><td>06/28/83</td><td>Batchelder</td><td></td><td></td><td></td></tr> <tr><td></td><td>AS</td><td>4,440,638</td><td>04/03/84</td><td>Judy et al</td><td></td><td></td><td></td></tr> <tr><td></td><td>AT</td><td>4,451,412</td><td>05/29/84</td><td>Loiseaux et al</td><td></td><td></td><td></td></tr> <tr><td></td><td>AU</td><td>4,453,805</td><td>06/12/84</td><td>Ashkin et al</td><td></td><td></td><td></td></tr> <tr><td></td><td>AV</td><td>4,520,484</td><td>05/28/85</td><td>Huignard et al</td><td></td><td></td><td></td></tr> <tr><td></td><td>AW</td><td>4,536,657</td><td>08/20/85</td><td>Bruel</td><td></td><td></td><td></td></tr> <tr><td></td><td>AX</td><td>4,627,689</td><td>12/09/86</td><td>Asher</td><td></td><td></td><td></td></tr> <tr><td></td><td>AY</td><td>4,632,517</td><td>12/30/86</td><td>Asher</td><td></td><td></td><td></td></tr> <tr><td></td><td>AZ</td><td>4,756,427</td><td>07/12/88</td><td>Göhde</td><td></td><td></td><td></td></tr> <tr><td></td><td>AAA</td><td>4,827,125</td><td>05/02/89</td><td>Goldstein</td><td></td><td></td><td></td></tr> </tbody> </table>				Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate		AA	3,558,877	01/26/71	Pressman					AB	3,628,182	12/14/71	Ashkin et al.					AC	3,638,139	01/25/72	Ashkin et al.					AD	3,662,183	05/09/72	Ashkin et al.					AE	3,725,810	04/03/73	Ashkin et al.					AF	3,761,721	09/25/73	Altshuler et al.					AG	3,778,612	12/11/73	Ashkin					AH	3,793,541	02/19/74	Ashkin et al.					AI	3,808,432	04/30/74	Ashkin					AJ	3,808,550	04/30/74	Ashkin					AK	4,063,106	12/13/77	Ashkin et al.					AL	4,092,535	05/30/78	Ashkin et al.					AM	4,127,329	11/28/78	Chang et al.					AN	4,247,815	01/27/81	Larson et al.					AO	4,253,846	03/03/81	Smythe et al.					AP	4,327,288	04/27/82	Ashkin et al.					AQ	4,386,274	05/31/83	Altshuler					AR	4,390,403	06/28/83	Batchelder					AS	4,440,638	04/03/84	Judy et al					AT	4,451,412	05/29/84	Loiseaux et al					AU	4,453,805	06/12/84	Ashkin et al					AV	4,520,484	05/28/85	Huignard et al					AW	4,536,657	08/20/85	Bruel					AX	4,627,689	12/09/86	Asher					AY	4,632,517	12/30/86	Asher					AZ	4,756,427	07/12/88	Göhde					AAA	4,827,125	05/02/89	Goldstein			
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-036001	Application No. 09/917,139
Information Disclosure Statement by Applicant <small>(use several sheets if necessary)</small>		Applicant Mihrimah Ozkan et al.	
		Filing Date July 26, 2001	Group Art Unit 2881
U.S. Patent Documents			

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	4,886,360	12/12/89	Finlan			
	ACC	4,887,721	12/19/81	Martin et al			
	ADD	4,893,886	01/16/90	Ashkin			
	AEE	4,908,112	03/13/90	Pace			
	AFF	5,029,791	07/09/91	Ceccon et al			
	AGG	5,079,169	01/07/92	Chu et al			
	AHH	5,100,627	03/31/92	Buican et al			
	AII	5,113,286	05/12/92	Morrison			
	AJJ	5,121,400	06/09/92	Verdiell et al			
	AKK	5,170,890	12/15/92	Wilson et al			
	ALL	5,189,294	02/23/93	Jackson et al			
	AMM	5,198,369	03/30/93	Itoh et al			
	ANN	5,206,504	04/27/93	Sridharan			
	AOO	5,212,382	05/18/93	Sasaki et al			
	APP	5,245,466	09/14/93	Burns et al			
	AQQ	5,274,231	12/28/93	Chu et al			
	ARR	5,283,417	02/01/94	Misawa et al			
	ASS	5,308,976	05/03/94	Misawa et al			
	ATT	5,327,515	07/05/94	Anderson et al			
	AUU	5,337,324	08/09/94	Ohtsu et al			
	AVV	5,338,930	08/16/94	Chu et al			
	AWW	5,343,038	08/30/94	Nishiwaki et al			
	AXX	5,355,252	10/11/94	Haraguichi			
	AYY	5,360,764	11/01/94	Celotta et al			
	AZZ	5,363,190	11/08/94	Inaba et al			
	AAAA	5,364,744	11/15/94	Buican et al			
	ABBB	5,374,566	12/20/94	Iranmanesh			

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	ACCC	5,445,011	08/29/95	Ghislain et al			
	ADDD	5,452,123	09/19/95	Asher et al			
	AEEE	5,473,471	12/05/95	Yamagata et al			
	AFFF	5,495,105	02/27/96	Nishimura et al			
	AGGG	5,512,745	04/30/96	Finer et al			
	AHHH	5,620,857	04/15/97	Weetall et al			
	AIII	5,625,484	04/29/97	Coutsomitas			
	AJJJ	5,629,802	05/13/97	Clark			
	AKKK	5,631,141	05/20/97	Sonek et al			
	ALLL	5,637,458	06/10/97	Frankel et al			
	AMMM	5,644,588	07/01/97	Misawa			
	ANNN	5,653,859	08/05/97	Parton et al			
	AOOO	5,659,561	08/19/97	Torruellas et al			
	APPP	5,674,743	10/7/97	Ulmer			
	AQQQ	5,689,109	11/18/97	Schutze			
	ARRR	5,694,216	12/02/97	Riza			
	ASSS	5,760,395	06/02/98	Johnstone			
	ATTT	5,770,856	06/23/98	Fillard et al			
	AUUU	5,773,298	06/30/98	Lynggaard et al			
	AVVV	5,776,674	07/07/98	Ulmer			
	AWWW	5,793,485	08/11/98	Gourley			
	AXXX	5,795,457	08/18/98	Pethig et al			
	AYYY	5,804,436	09/08/98	Okun et al			
	AZZZ	5,814,200	09/29/98	Pethig et al			
	AAAAA	5,858,192	01/12/99	Becker et al			
	BBBBB	5,888,370	03/30/99	Becker et al			
	ACCCC	5,900,160	05/04/99	Whitesides et al			

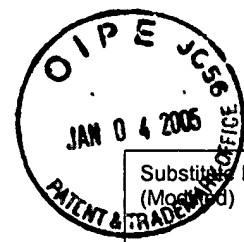
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16 CFR §1.90(b)(2))*

U.S. Patent Documents							
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	ADDDD	5,919,646	07/06/99	Okun et al			
	AEEEE	5,935,507	08/10/99	Morito et al			
	AFFFF	5,939,716	08/17/99	Neal			
	AGGGG	5,942,443	08/24/99	Parce et al			
	AHHHH	5,950,071	09/07/99	Hammond et al			
	AIIII	5,952,651	09/14/99	Morito et al			
	AJJJJ	5,953,166	09/14/99	Shikano et al			
	AKKKK	5,956,106	09/21/99	Petersen et al			
	ALLLL	5,993,630	11/30/99	Becker et al			
	AMMMM	5,993,631	11/30/99	Parton et al			
	ANNNN	5,993,632	11/30/99	Becker et al			
	AOOOO	6,015,714	01/18/00	Baldarelli et al			
	APPPP	6,033,546	03/07/00	Ramsey			
	AQQQQ	6,071,394	06/06/00	Cheng et al			
	ARRRR	6,074,725	06/2000	Kennedy, Colin			
	ASSSS	6,078,681	06/20/00	Silver			
	ATTTT	6,082,205	07/04/00	Zborowski et al			
	AUUUU	6,088,097	07/11/00	Uhl			
	AVVVV	6,088,376	07/11/00	O'Brien et al			
	AWWWW	6,096,509	08/01/00	Okun et al			
	AXXXX	6,111,398	08/29/00	Graham			
	AYYYY	6,121,603	09/19/00	Hang et al			
	AZZZZ	6,139,831	10/31/00	Shivashankar et al			
	AAAAAA	6,142,025	11/07/00	Zborowski et al			
	ABBBBB	6,143,558	11/07/00	Kopelman et al			
	ACCCCC	6,149,789	11/21/00	Benecke et al			
	ADDDDD	6,159,749	12/12/00	Liu			

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	AEEEEEE	6,197,176	03/06/01	Pethig et al			
	AFFFFF	6,208,815	03/27/01	Seidel et al			
	AGGGGG	6,215,134	04/10/01	O'Brien et al			
	AHHHHHH	6,221,654	04/24/01	Quake et al			
	AIIIII	6,224,732	05/01/01	Imasaka et al			
	AJJJJJ	6,242,209	06/05/01	Ransom et al			
	AKKKKK	6,280,960	08/28/01	Carr			
	ALLLLL	6,280,967	08/28/01	Ransom et al			
	AMMMMM	6,287,758	09/11/01	Okun et al			
	ANNNNN	6,287,776	09/11/01	Hefti et al			
	AOOOOO	6,287,832	09/11/01	Becker et al			
	APPPPP	6,287,874	09/11/01	Hefti			
	AQQQQQ	6,294,063	09/25/01	Becker et al			
	ARRRRR	6,344,325	02/05/02	Quake et al			
	ASSSSS	6,399,397	06/04/02	Zarling et al			
	ATTTTT	6,488,895	12/2002	Kennedy, Colin			
	AUUUUU	6,509,085	01/2003	Kennedy, Colin			
	AVVVVV	6,514,722	02/04/03	Palsson et al			
	AWWWWW	2002/0058332	05/16/02	Quake et al			
	AXXXXX	2002/0005354	01/17/02	Spence et al.			
	AYYYYY	2002/0094533	07/18/02	Hess et al.			
	AZZZZZ	2002/0045272	04/18/02	McDevitt et al.			
	AAAAAAA	2003/0047676	03/13/03	Grier et al			

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							Yes No
	ABBBBBBB	97/21832	06/19/97	WO			

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							Yes	No
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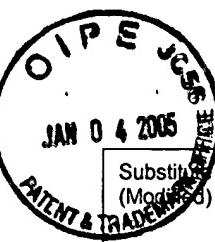
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-036001	Application No. 09/917,139
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Mihrimah Ozkan et al.	
		Filing Date July 26, 2001	Group Art Unit 2881

Foreign Patent Documents or Published Foreign Patent Applications									
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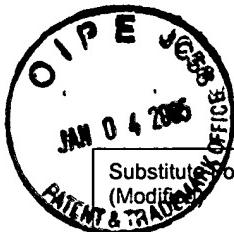
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(Modified 10-2002)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
15670-036001Application No.
09/917,139**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

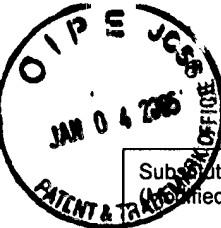
(37 CFR §1.98(b))

Applicant
Mihrimah Ozkan et al.Filing Date
July 26, 2001Group Art Unit
2881**Other Documents (include Author, Title, Date, and Place of Publication)**

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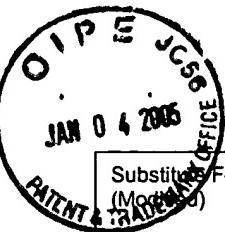
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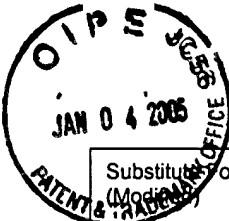
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Substitute Form PTO-1449 (MOCB-05)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-036001	Application No. 09/917,139
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Substitute Disclosure Form PTO-1449 (Modifies PTO-1448)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-036001	Application No. 09/917,139
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